

HFUS3 BOU 092200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 344  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 09 DEC 1984  
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100  
TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS.  
ALL CURRENT REGIONS ON THE VISIBLE DISK ARE QUIET AND STABLE.  
ONE NEW REGION WAS NUMBERED TODAY AS REGION 4605 (S06E62). THIS  
REGION CONTAINS AN A-TYPE SPOT GROUP.  
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN VERY LOW DURING THE FORECAST PERIOD.  
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED THE  
PAST 24 HOURS.  
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE QUIET TO UNSETTLED. THE FIELD IS EXPECTED TO  
INCREASE REACHING ACTIVE LEVELS BY 11 DECEMBER AND MINOR STORM  
CONDITIONS ON 12 DECEMBER. THIS INCREASE IN ACTIVITY IS  
EXPECTED DUE TO A RECURRENT HIGH SPEED STREAM FROM A POSITIVE  
SOUTHERN CORONAL HOLE.  
III. EVENT PROBABILITIES 10 DEC-12 DEC  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 09 DEC 077  
PREDICTED 10 DEC-12 DEC 077/078/078  
90 DAY MEAN 09 DEC 075  
V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 08 DEC 007/009  
ESTIMATED AFR/AP 09 DEC 006/008  
PREDICTED AFR/AP 10 DEC-12 DEC 010/015-015/020-035/040  
SOLTERWARN  
BT